

INDUSTRIAL COMPONENT DATA

3RT2025-1KB40 SIEMENS power contactor, AC-3 17 A, 7.5 kW / 400 V 1 NO + 1 NC, 24 V DC with integrated varist..

Brand: SIEMENS | Manufacturer Part Number: 3RT2025-1KB40



Manufacturer	SIEMENS
MPN / Reference	3RT2025-1KB40
Catalog number	20251
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-46C1377C26
Generated	2026-08-04

Product Overview

power contactor, AC-3 17 A, 7.5 kW / 400 V 1 NO + 1 NC, 24 V DC with integrated varistor 3-pole, size S0 screw terminal suitable for PLC outputs not expandable with auxiliary switch

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	SIEMENS > CONTROL AND CONTACTORS > Contactors for switching motors
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Additional Product Information

Technical data

power contactor, AC-3 17 A, 7.5 kW / 400 V 1 NO + 1 NC, 24 V DC with integrated varistor 3-pole, size S0 screw terminal suitable for PLC outputs not expandable with auxiliary switch

product brand name SIRIUS

product designation Coupling contactor

product type designation 3RT2

General technical data

size of contactor S0

product extension

? function module for communication No

? auxiliary switch No

power loss [W] for rated value of the current

? at AC in hot operating state 2.7 W

? at AC in hot operating state per pole 0.9 W

? without load current share typical 4.5 W

insulation voltage

? of main circuit with degree of pollution 3 rated value 690 V

? of auxiliary circuit with degree of pollution 3 rated value 690 V

surge voltage resistance

? of main circuit rated value 6 kV

? of auxiliary circuit rated value 6 kV

maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1 400 V

shock resistance at rectangular impulse

? at DC 10g / 5 ms, 7,5g / 10 ms

shock resistance with sine pulse

? at DC 15g / 5 ms, 10g / 10 ms

mechanical service life (switching cycles)

? of contactor typical 10 000 000

? of the contactor with added electronically optimized auxiliary switch block typical 5 000 000

? of the contactor with added auxiliary switch block typical 10 000 000

reference code according to IEC 81346-2 Q

Substance Prohibitance (Date) 10/01/2009

Ambient conditions

installation altitude at height above sea level maximum 2 000 m

ambie...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT2025-1KB40 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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